

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/841,433

Filing Date: April 24, 2001

**Inventors:** Wellington et al.

Title: IN SITU THERMAL  
PROCESSING OF A  
HYDROCARBON  
CONTAINING FORMATION  
WITH A SELECTED  
HYDROGEN TO CARBON  
RATIO

Examiner: J. J. Kreck

Group/Art Unit: 3673

Atty. Dkt. No.: 5659-02000/EBM

**CERTIFICATE OF MAILING  
UNDER 37 C.F.R. §1.8**

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Commissioner for Patent  
Washington, DC 20231

Jackie L. Pitre

**SUBMISSION OF FORMAL DRAWINGS PURSUANT  
TO OFFICE ACTION MAILED JUNE 12, 2002.**

**Official Draftsman**  
**Commissioner for Patents**  
**Washington, D.C. 20231**

Sir:

Applicant hereby submits 9 sheets of formal drawings (FIGS. 23a, 23b, 31, 32, 56, 57, 66, 67, 68, 69, 72, 73, 76, 76a, 81a, and 97) for the approved corrected drawings for the above-referenced application and requests that these drawings be accepted for filing.

~~Respectfully submitted,~~

**Eric B. Meyertons**  
Reg. No. 34,876  
Attorney for Applicants

**Conley, Rose & Tayon, P.C.**  
P.O. Box 398  
Austin, Texas 78767-0398  
Ph: (512) 476-1400

Date:

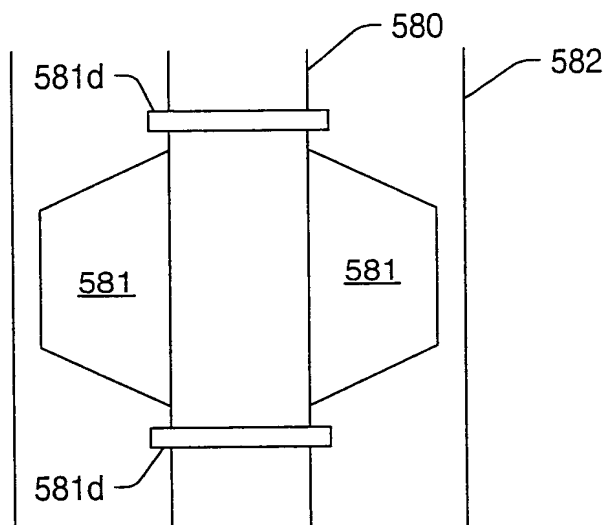


FIG. 23a

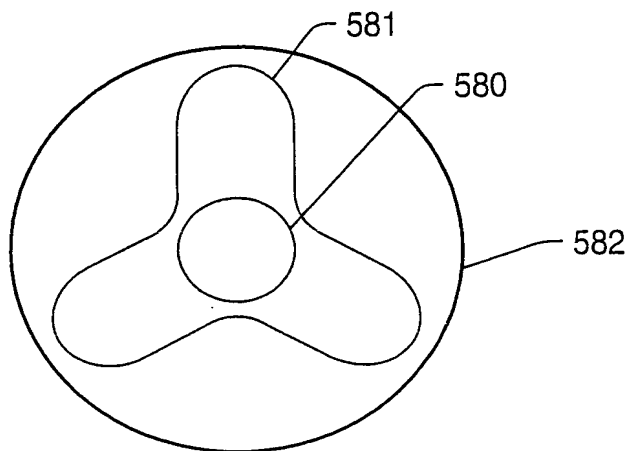


FIG. 23b

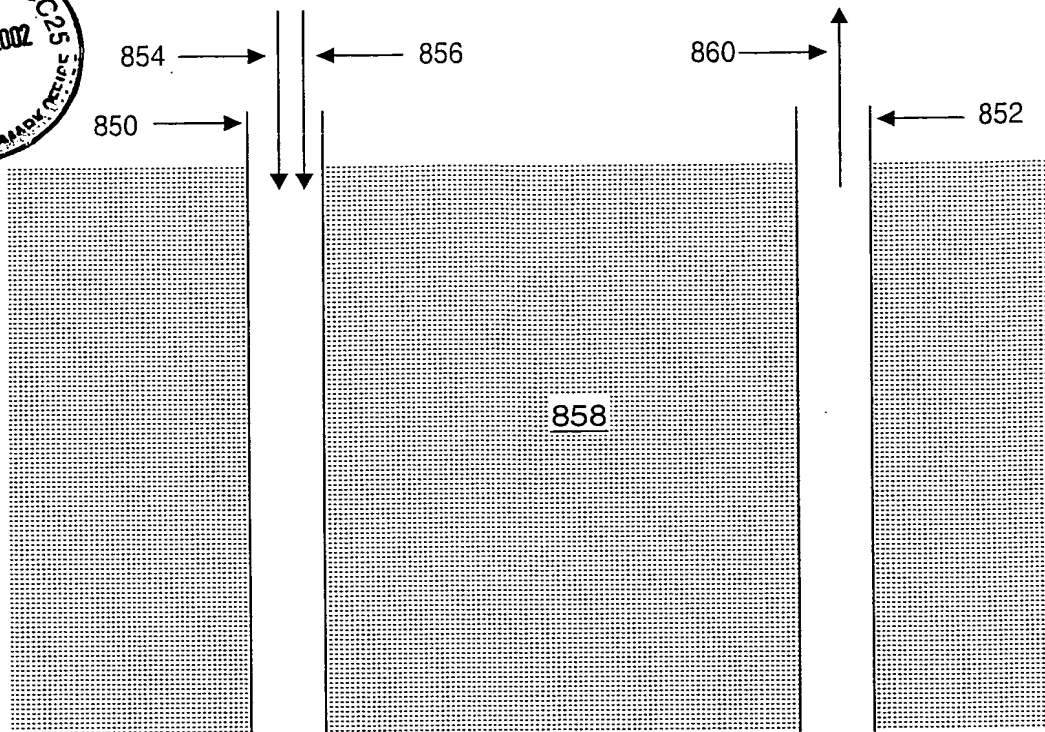


FIG. 31

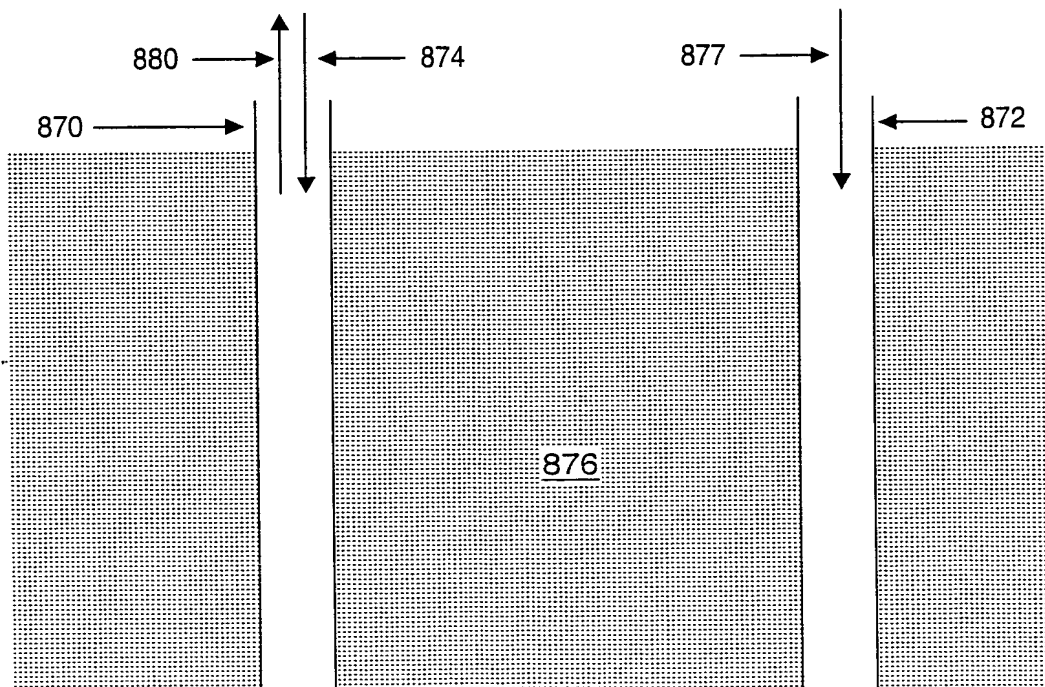


FIG. 32

878

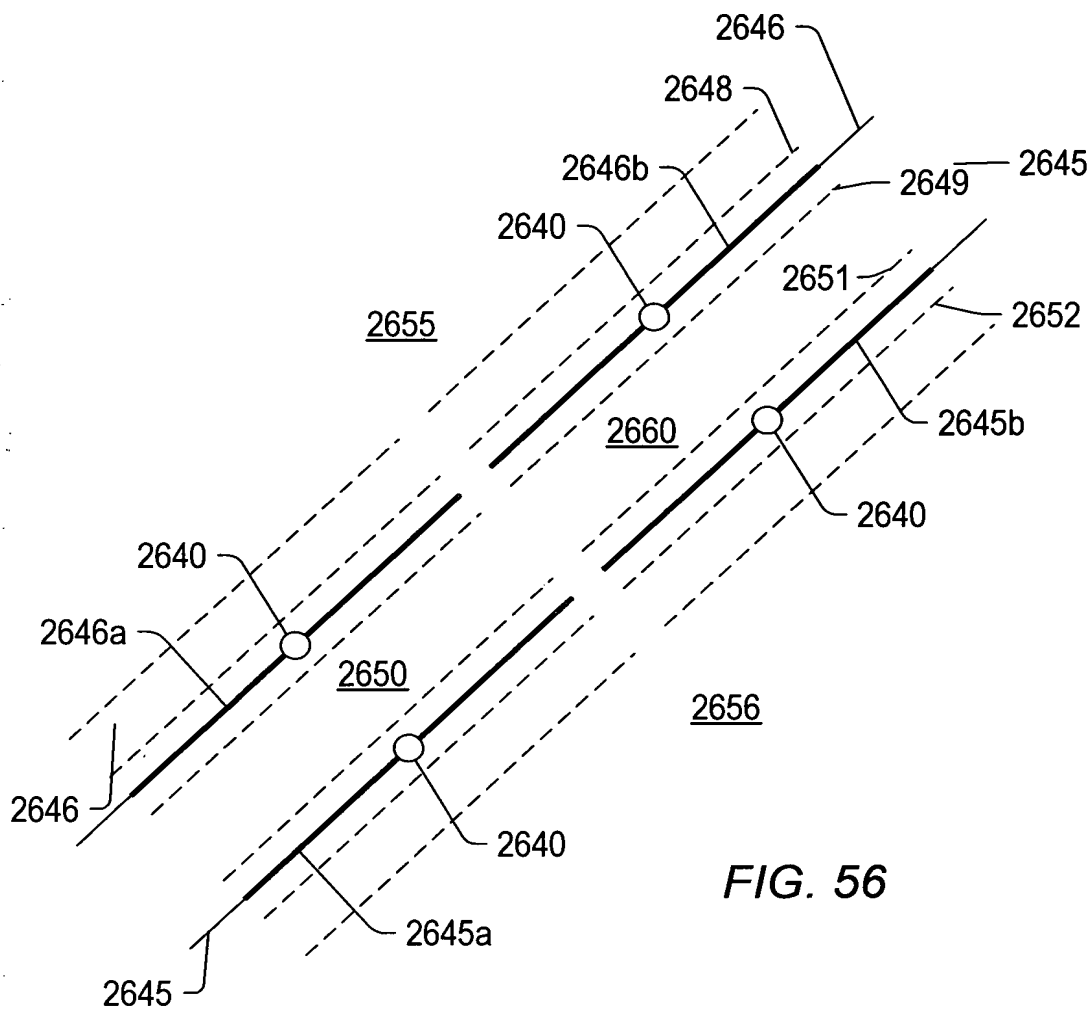
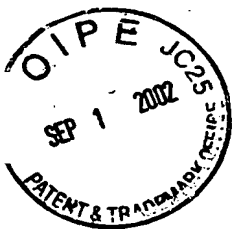


FIG. 56

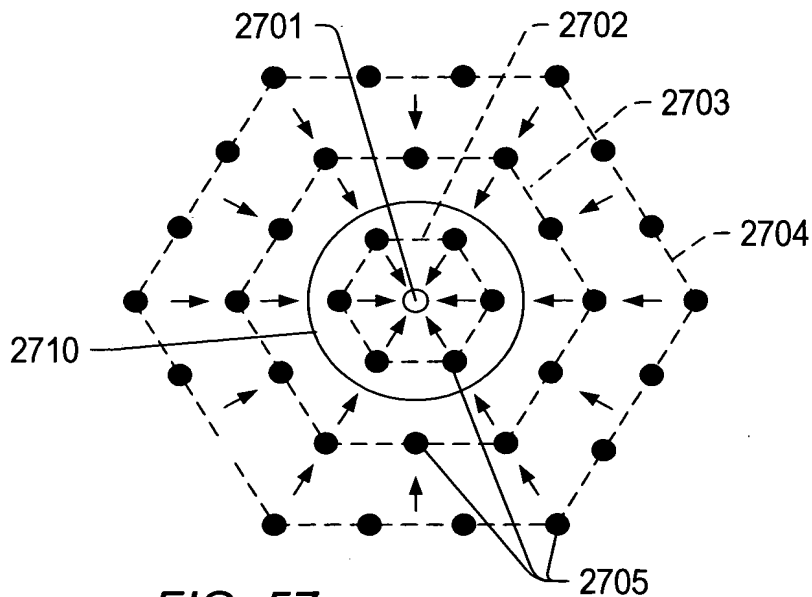


FIG. 57

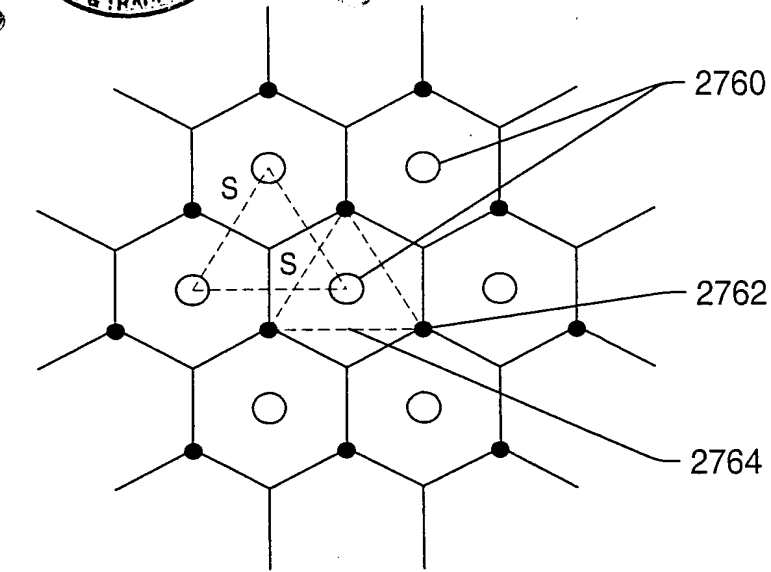
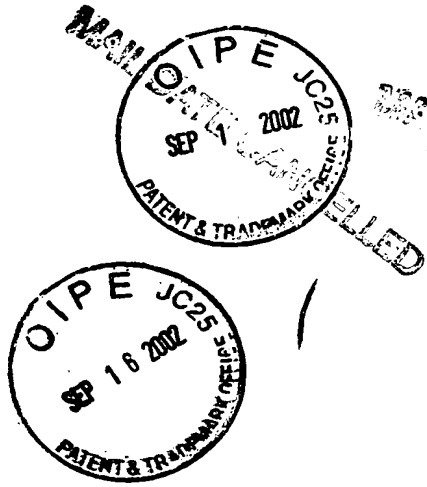


FIG. 66

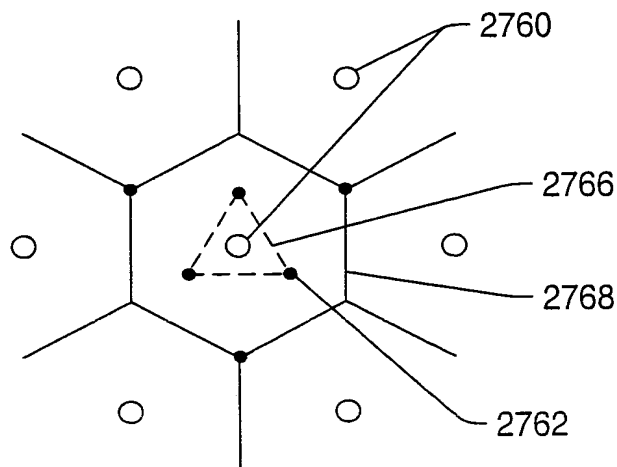


FIG. 67

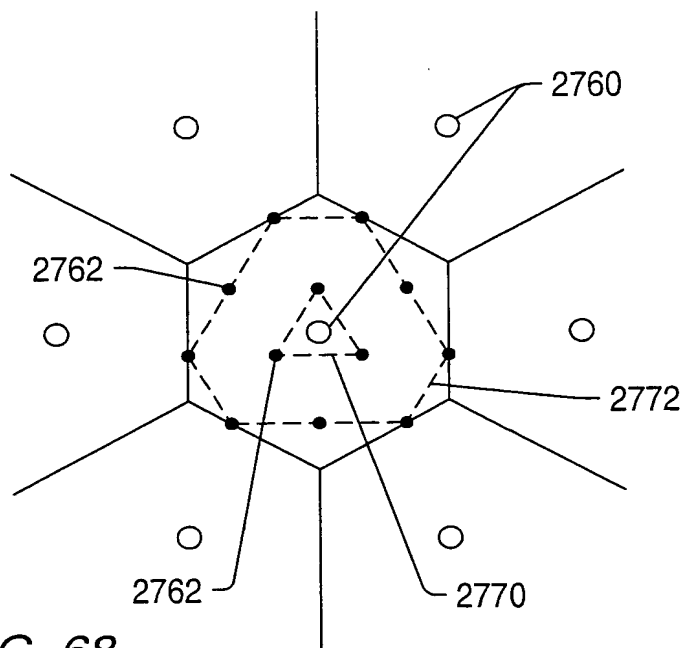
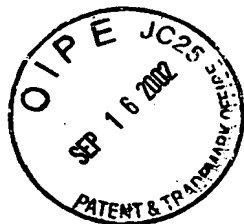


FIG. 68

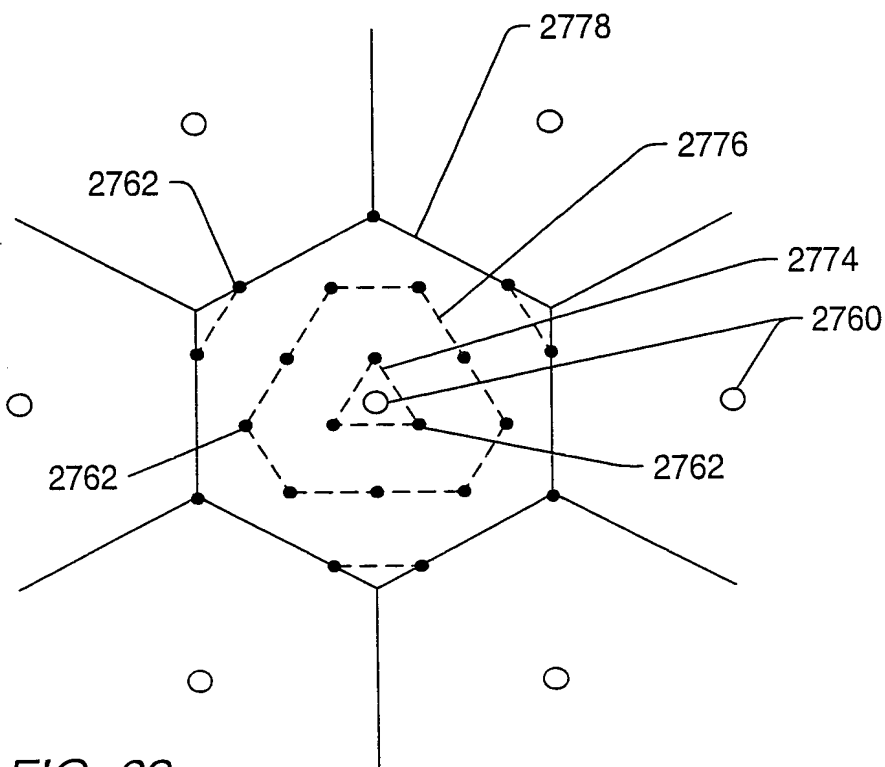


FIG. 69

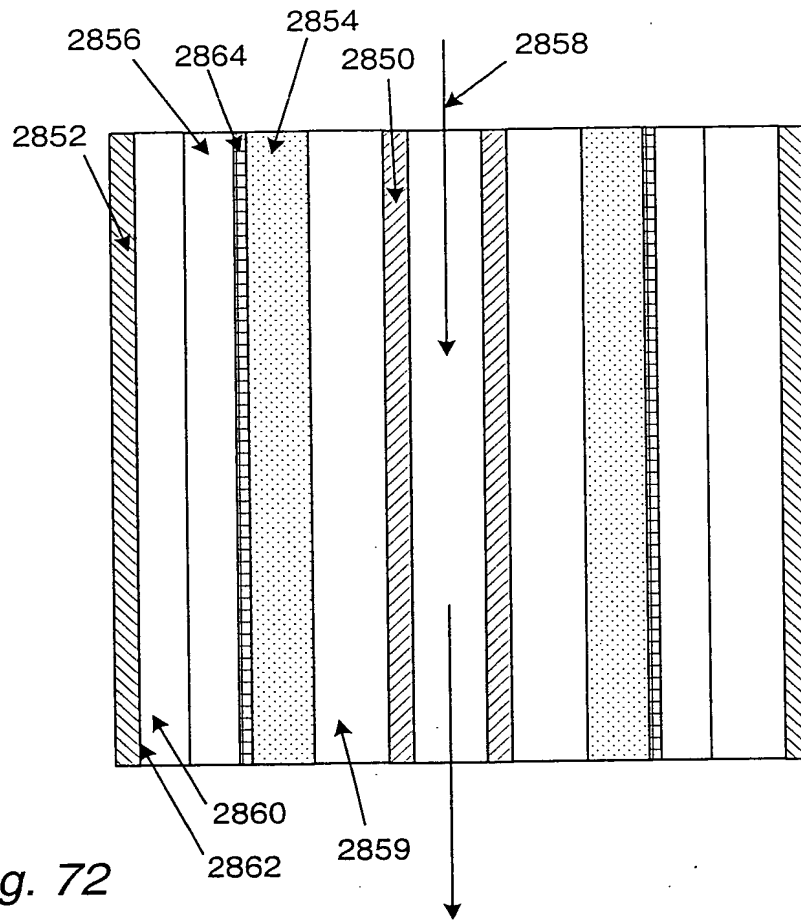
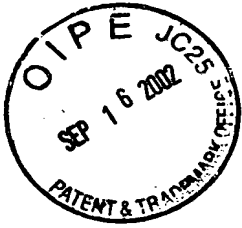


Fig. 72

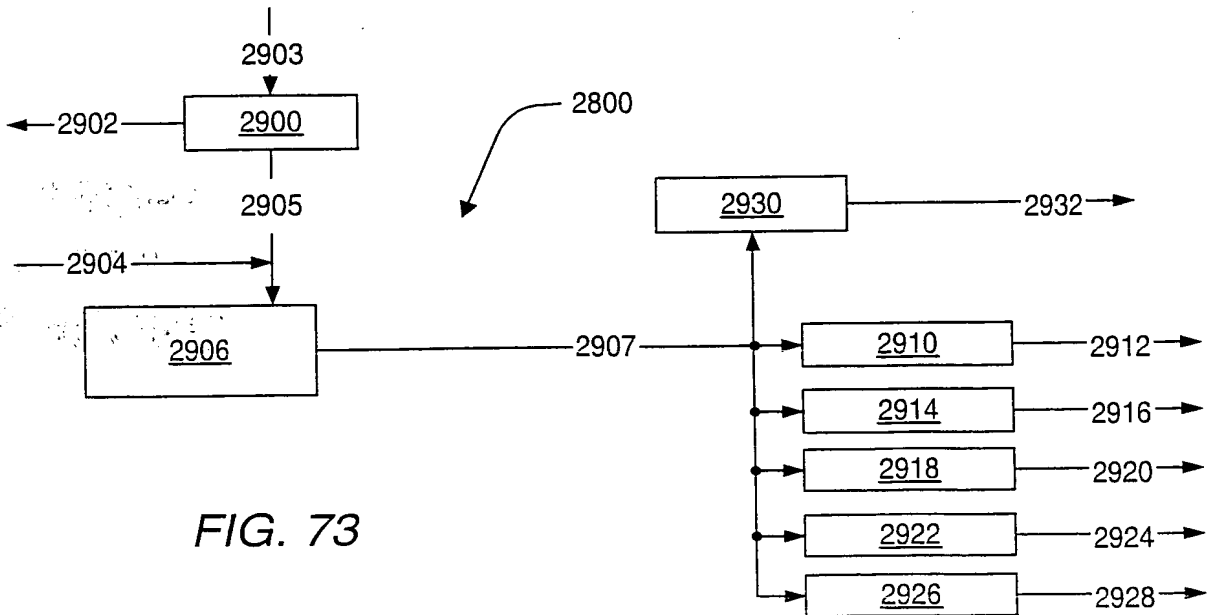


FIG. 73

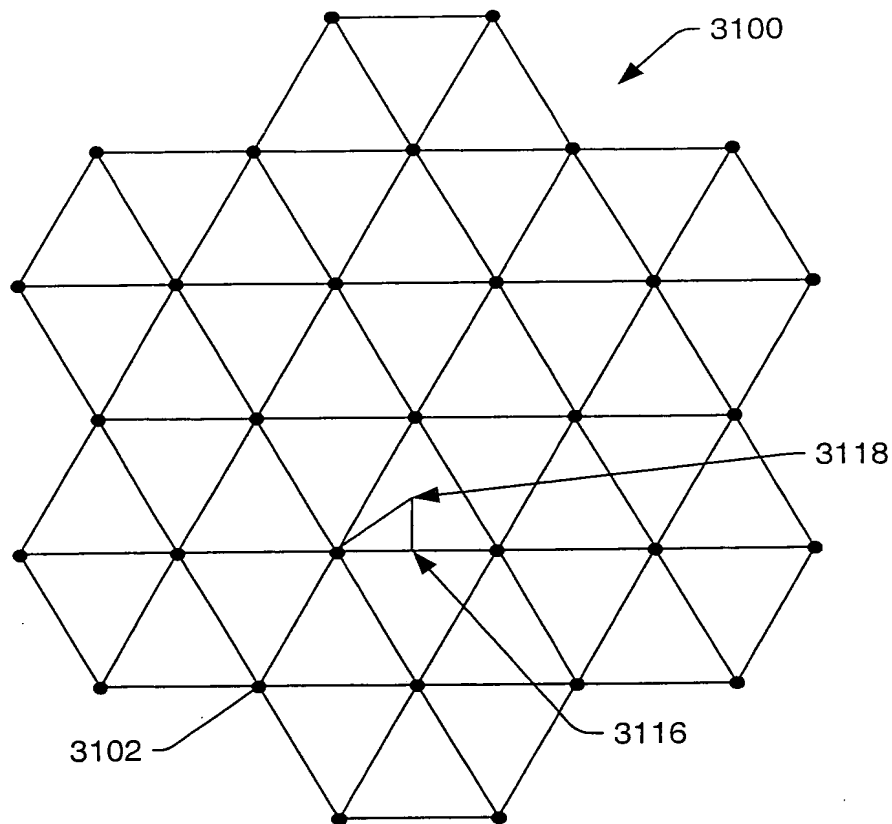
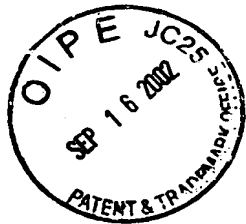


FIG. 76

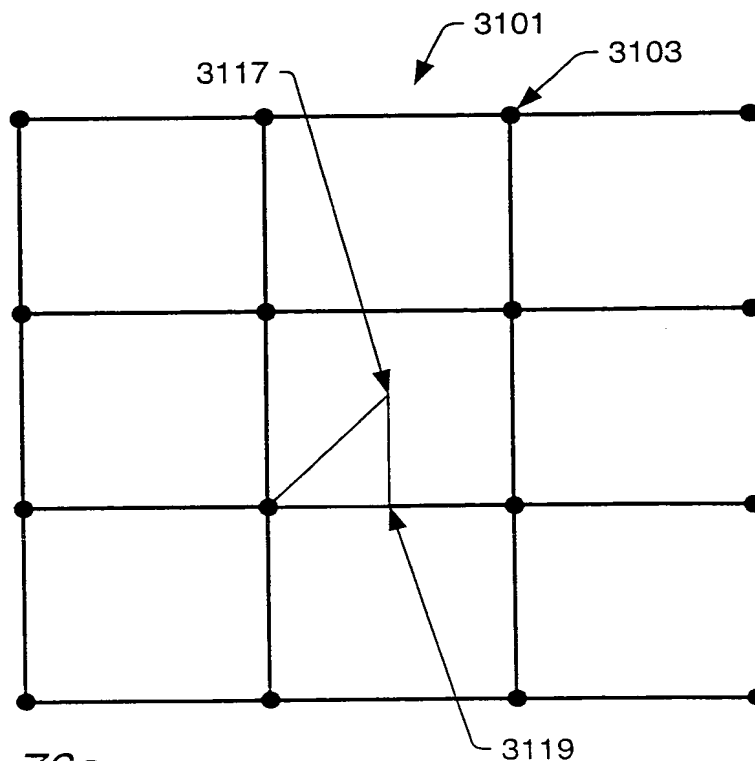


FIG. 76a



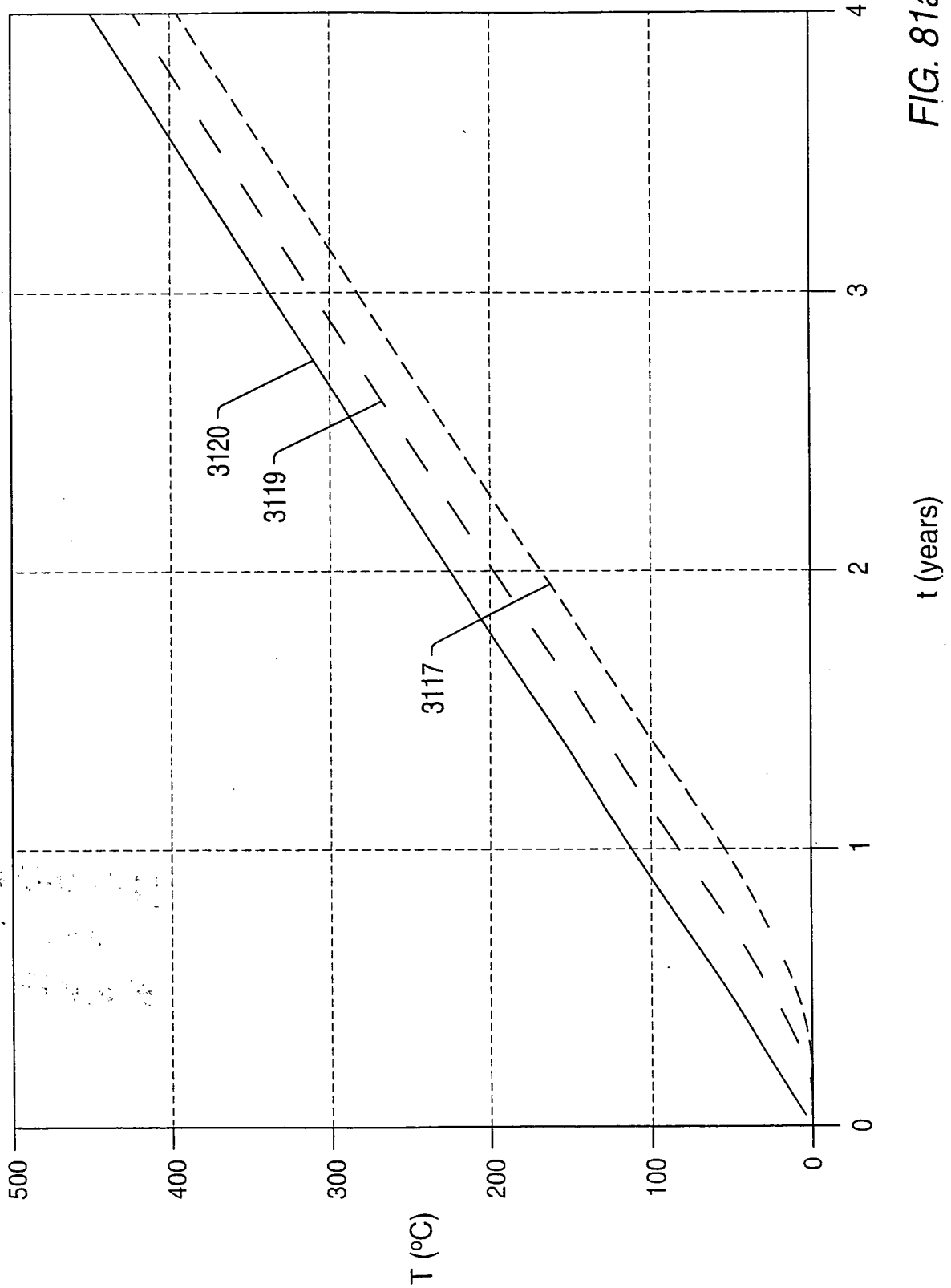
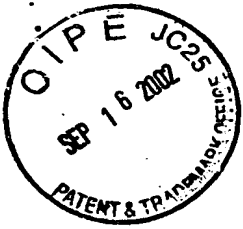


FIG. 81a

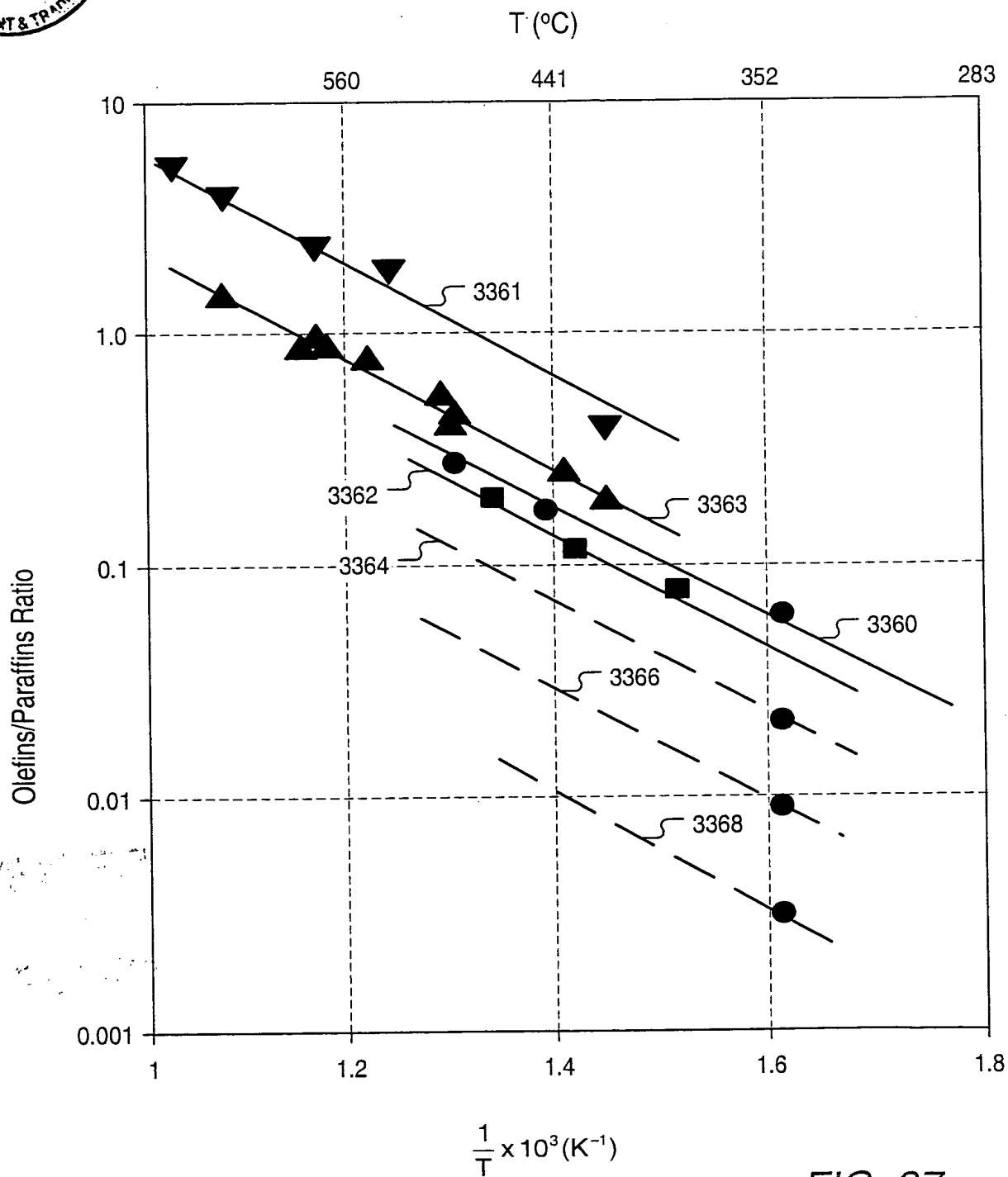
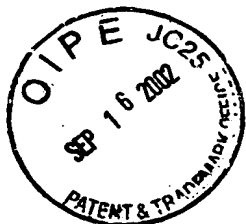


FIG. 97